

Tyler Junior College

Tyler, Texas



CATALOGUE 1941-42

Announcements for

1942 - 1943

1942-43







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COLLEGE CALENDAR 1942-43

Friday and Saturday, September 11-12

-----Registration and Entrance Examinations

Monday, September 14-----Classes Begin

Thursday to Wednesday, January 14-20

-----Examinations for First Semester

Friday and Saturday, January 22-23

-----Registration for Second Semester

Monday, January 25-----Classes Begin

Thursday to Wednesday, May 20-26

-----Examinations for Second Semester

Thursday, May 27-----Commencement

This calendar is subject to change
by the Board of Education

COLLEGE SESSIONS

The **long session** consists of two semesters of eighteen weeks each.

The **summer session** consists of two six-week terms, running from June until August.

BOARD OF EDUCATION

T. B. Ramey-----President

Gordon Simpson-----Vice-President

J. H. Barron-----Vice-President

Lois Whiteman-----Secretary

B. T. Walters

P. C. Pinkerton

Horace H. Clarkston

Frank Riviere

OFFICERS OF ADMINISTRATION

J. M. Hodges, Supt. of Schools-----President

H. E. Jenkins, Assistant Supt. of Schools-----Dean

Lucia Douglas -----Registrar

Mary Virginia Henderson-----Dean of Women

FACULTY

J. M. Hodges	President
M.A., University of Missouri	
H. E. Jenkins	Dean
M.A., University of Missouri	
Allene Brandenburg	English
M.A., Peabody College	
Elizabeth Bryarly	English
M.A., University of Texas	
Alice Douglas	Clothing
M.A., Columbia University	
Lucia Douglas	Registrar
M.A., University of Texas	
Frances Flaherty	Commerce
B.S., Texas State College for Women	
Adele Henderson	History
M.A., University of Texas	
J. C. Henderson	Biology and Chemistry
M.A., University of California	
Mary Virginia Henderson	History and Economics
M.A., University of Texas	
Mildred Howell	French and Spanish
M.A., University of Missouri	
Georgia Cooper Jones	Government
M.A., University of Texas	
Theron Kirk	Music
B.M., Baylor University	

E. A. Lawver-----Engineering-Drawing
M.S., Colorado State College

Ila Maberry-----Personnel Director
M.A., Columbia University

Ina Roberts-----Librarian
B.A., University of Texas
B.S. in Library Science, Peabody College

Pearl Robertson-----Education and Psychology
M.A., University of Texas

Ruth Rucker-----Public Speaking
M.A., Northwestern University

R. F. Smothers----Commerce and Business Administration
M.A., Colorado State College of Education

Elsie Smothers-----Art
M.A., Colorado State College of Education

Mildred B. Stringer-----Physical Education
B.S., East Texas State Teachers College

Mary D. Walker-----Foods
M.A., Columbia University

Mabel Williams-----Mathematics and Physics
M.A., University of Texas

FACULTY COMMITTEES

ENTRANCE REQUIREMENTS AND EXAMINATIONS

Miss Lucia Douglas, Chairman
Mrs. Jones Miss Bryarly

PUBLICATIONS

Miss Bryarly Mr. Henderson Mr. Lawver
Miss Brandenburg Mrs. Flaherty

PLACEMENT

Mr. Smothers Miss Lucia Douglas Mrs. Robertson
Miss Roberts

COLLEGE ASSEMBLY

Miss Howell, Chairman
Miss Adele Hendeson Miss Ruth Rucker Miss Roberts
Mr. Kirk Miss Brandenburg

CATALOGUE

Miss Bryarly, Chairman
Mr. Henderson Mrs. Jones Miss Rucker

EXHIBITS

Miss Williams, Chairman
Mr. Lawver Mr. Henderson Mrs. Smothers Mrs. Flaherty
Miss Alice Douglas Mr. Smothers Mr. Kirk

GRADUATION

Mrs. Robertson, Chairman
Miss Lucia Douglas Mrs. Jones Mr. Kirk

SOCIAL

Miss Mary Henderson, Chairman
Miss Howell Mrs. Stringer Miss Adele Henderson Mr. Kirk
Miss Bryarly Miss Alice Douglas Mr. Lawver
Miss Walker

SCHOLARSHIPS AND AWARDS

Miss Lucia Douglas, Chairman
Miss Howell Miss Mary Henderson Miss Williams
Mrs. Jones Miss Roberts Mr. Smothers
Mrs. Smothers

GENERAL INFORMATION

The History of Tyler Junior College

The Tyler Junior College was established in 1926 through the efforts of many of Tyler's leading citizens who saw the need for an institution of standard collegiate rank in Tyler.

The year 1942-43 will be the seventeenth year of the college and many of those who participated in its founding still maintain their active interest in it. Each year has seen improvements in physical plant, faculty and achievement. Hundreds of young men and women have attended the college because of its high standards, its convenience, and the economy of remaining at home while doing college work. The college has saved them, the City of Tyler, and the State of Texas thousands of dollars.

The Purpose of the College

The course of study is intended to meet the needs of students who expect to take four years of college work, of those who expect to enter professional schools, and those who expect to enter their life's work after completing two years in college. The ultimate aim is to prepare for good citizenship.

Standing of the College

The Tyler Junior College is a member of the Association of Colleges and Secondary Schools for the Southern States, the Texas Association of Colleges, the American Association of Junior Colleges, the Southern Association of Junior Colleges, and the Texas Association of Junior Colleges.

This membership in these associations provides transferable credit for work done in Tyler Junior College to other colleges and universities.

Transfer to Other Institutions

Since senior colleges differ in their curricula, a student should secure the catalogue of the institution to which he intends to transfer credit. Although credit is transferable from Tyler Junior College to senior colleges and universities, the student should plan his courses for his first two years to meet the requirement of the senior institution.

Library

An excellent reference library consisting of more than 5000 volumes is housed in the new wing of the college building where a beautiful reading room furnished with standard equipment is available for student use. Standard magazines and periodicals are also contained in the collection.

The Mattie L. Jones Scholarship and Loan Funds

These funds have been established by the Board of Education and members of the teaching staff in honor of Miss Mattie L. Jones and in recognition of the long and distinguished service which she has rendered the Tyler Public Schools and the Tyler Junior College.

The Board of Education has granted two full work ships covering tuition for a period of one year, to be awarded by the Committee on Scholarships and Awards to two students annually. Teachers and employees of the Tyler Public Schools and the Junior College have established the Mattie L. Jones Loan Fund from which additional aid is rendered students as a tribute to Miss Jones.

Honor Graduate Scholarship

The highest honor graduate of any affiliated high school will be given a scholarship covering his tuition. This scholarship must be used within one year from the date of graduation.

Classification of Students

Students are classified as regular and special. Regular students are those taking at least twelve semester hours of work. Special students are those taking fewer than twelve hours.

Student Load

Except by special permission from the Registrar or Dean, a student will not be permitted to register for fewer than four or more than five courses.

Tuition and Fees

The Tyler Junior College is partially dependent for its support upon the tuition charged. Monthly payments may be arranged by those who desire to do so.

Tuition rates and fees per semester are as follows:

	Tuition	Activity
For four or more subjects----	\$45.00	\$2.50
For three subjects-----	35.00	2.00
For two subjects-----	25.00	
For one subject-----	13.50	
For auditing courses, per subject-----	10.00	

When tuition and fees are paid in installments, the following carrying charges are added:

	Carrying Charge
For four or more subjects-----	\$2.00
For three subjects-----	1.00

The student activity fees enable the student to attend all regular college athletic contests, social affairs and dramatic and literary productions without further admission charge. Funds derived from this source are also used to defray expenses to inter-collegiate meets.

In addition to the above the following fees are paid by students enrolled in the indicated courses:

Science (Chemistry, Physics, Biology)	
Laboratory Fee, per semester-----	\$2.50
Typewriting, per semester-----	2.00
Art, per semester-----	1.00

A cap and gown fee of one dollar and a diploma fee of seventy-five cents are paid by students at the time of graduation.

Tuition and fees are non-returnable except by special action of the Board of Education.

Attendance

Regular class attendance is fundamental for the success of the student; therefore a student must report promptly and regularly to all classes.

Reports to Parents

At the close of the first four weeks of each semester, a definite report on students who are failing is made to the Registrar, who notifies the parents of the failing student.

Activities

The Tyler Junior College provides various types of student activities which furnish training in leadership, afford opportunities for diversion, and serve as a means of development of the student. Each student is encouraged to take part in one or more.

The Engineer's Club is composed of students interested in all fields of engineering. Various field trips help to enlighten and give the future possibilities of the different branches of the engineering profession.

The Debate Squad is composed of all students who are taking Speech 213 and all others who are interested in working with debate. The chief work of the club is to do research and actual debating on the current debate topic of the Texas Junior College Speech Association. The Junior College also sponsors entries in Oratory, Extemporaneous Speech, Poetry Reading, and Radio Speaking. These contestants and members of the Debate Squad usually attend speech tournament at other colleges.

The Law Club is composed of students who are interested in the study of law. Programs are planned so as to acquaint the members of the club with the various phases and opportunities of the legal profession.

The Choral Club, a joint organization of young men and young women, gives experience and training to those who are interested in music.

Las Mascaras Dramatics Club. Las Mascaras fosters an interest in all phases of dramatic art. Meetings are held semi-monthly, including several social meetings each year. Any student in Junior College who is interested in dramatics is eligible for membership. Las Mascaras sponsors two

major productions each year and also an entry in the one act play contest of the Texas Junior College Speech Association. The purpose of the organization is to foster an interest in all phases of dramatic art and to promote fellowship among its members.

The Girl's Forum, an auxiliary of the Tyler Woman's Forum, is an organization open to all girls of the High School and the College. It is under student management with faculty advisers. The purpose of the organization is to furnish recreation and to bring the high school girls into association with college students.

In Athletics the College arranges schedules of games and contests in basketball, tennis, track, golf, and baseball. The rules of the Texas Junior College Conference are followed in participation in athletic contests.

Phi Theta Kappa Society is composed of members selected on the basis of scholarship, character, leadership, and service. Its membership is restricted to ten per cent of the students enrolled in the Tyler Junior College, and the faculty and local chapter name as members those students meriting special honor.

College Newspaper

The Apache Pow-Wow is prepared and managed by a student staff under the direction of faculty sponsors. Students act as reporters, editors and business managers of this publication.

Honor Rolls

To promote high standards of scholarship, the College has established an honor roll. Ten honor points are necessary for eligibility. The grade of A carries three honor points; the grade of B, two; and the grade of C, one.

Requirements for Admission

Students will avoid delay in registering by sending their entrance credits at least two weeks before the date of registration.

All students are required to present evidence of successful vaccination against smallpox before they are permitted to enter the College.

For Admission Without Condition

For full admission graduation from a standard high school with at least fifteen units of high school credit, including three units in English is required. The elective units must be chosen from the list approved by the State Department of Education.

Admission by Examination

Students who do not have the required number of credits may absolve the deficiency by taking examinations. Students under twenty-one years of age must complete entrance examinations prior to or at the time of admission.

These examinations may be taken on the date given in the College Calendar; or they may be taken with the classes of Tyler High School at the close of the semester prior to entrance; or they may be taken under the direction of the State Department of Education at approved places in May

Admission by Individual Approval

Persons over twenty-one years of age, may at the discretion of the College, be admitted without examination to any of the classes below the sophomore level. Special consideration will be given to mature students whose training has been followed by successful experience in teaching, to students who have had other practical preparation, and to those who have made special attainments in practical lines. Students admitted in this manner must satisfy the entrance requirements before graduation.

Students admitted by individual approval to freshman English, will, on completing that course, be given credit also for three admission units in English. Similarly, students admitted to freshman mathematics, will, on completing that course, receive credit also for two admission credits in algebra and one in plane geometry. Upon the completion of thirty semester hours of college work with an average grade of C, students will be given, in addition to the above six units, five additional unspecified units. The remaining four units must be made up by examination or by cancellation of college work in lieu of entrance units. Six semester hours of college credit count as one and one-half entrance units.

No credit for admission or advanced standing by examination will be given after a student has completed one semester of college work.

Requirements for Graduation

For graduation students must complete sixty semester hours of work with an average grade of at least C. The sixty semester hours must include twelve hours in English, three in government, and at least fifteen hours of sophomore rank.

Students transferring from other colleges must satisfy the requirements for admission and must complete at least one semester of work in the Tyler Junior College to receive a diploma.

Graduating students are required to attend the commencement exercises unless excused for good reason by the Dean of the College.

Requirements for Teachers' Certificates

Students desiring to receive State Teachers' Certificates should choose their courses according to the requirements of the State Department of Education. Such specialized courses may or may not count for credit on the B. A. degree.

Explanation of Hours, Courses and Numbering

One semester hour represents one class hour per week for four and a half months; in other words, one course meeting three times a week for nine months would secure credit of six semester hours.

Courses are numbered as follows: The first digit of the number indicates the college year in which the course is taken; the second digit in the number indicates the semester of the college year in which the course is taken; the final digit indicates the credit value of the course in semester hours; thus, English 123 indicates that the course is the first year, second semester English with a credit value of three semester hours.

Prerequisite Courses

The description of each course is followed by a specification of prerequisite courses, if any. If no prerequisite is mentioned, there is none. No student may enter a course unless he has had the prerequisites. An exception to this rule may be made only by special permission of the Dean and the head of the department concerned.

Withdrawal of Courses

A course may be withdrawn unless it is elected by a sufficient number of students. In general, a course will not be given for fewer than five students.

Withdrawal from Courses

No student may withdraw from any course he has entered except by permission of the Dean or Registrar. A student dropping a course without permission will be given F on the course.

Reports of Grades

Reports of students' grades and standing are issued every nine weeks. Complete reports are given at the end of each semester. Written notices will be mailed to parents of students who are failing in their courses.

Grades

A—excellent; B—good; C—fair; D—passing; E—conditional; F—failure. A student making an E will be permitted to remove the condition by a second examination within a semester.

SUGGESTED COURSES OF STUDY FOR FRESHMEN

The student should check his course by the catalogue of the college to which he intends to transfer.

B. A. Degree

English	6 hours
Mathematics	6 hours
History	6 hours
A Natural Science.....	8 hours
Foreign Language	6 hours

Pre-Medical

English	6 hours
Chemistry	8 hours
Mathematics	6 hours
Foreign Language	6 hours
Biology	8 hours

Suggested Courses of Study for Freshmen—Continued

Pre-Law

English	6 hours
English History	6 hours
Mathematics	6 hours
A Natural Science.....	8 hours
Public Speaking	6 hours
Typewriting, non-credit (if also taking Business Administration)	0 hours

Pre-Engineering

English	6 hours
Chemistry	8 hours
Mechanical Drawing	3 hours
Descriptive Geometry	3 hours
Engineering Prob. (A.&M. students only)	4 hours
Algebra	3 hours
Trigonometry	3 hours
Analytics	4 hours
Public Speaking (A.&M. students only) ..	2 hours
Physics 123-A (University of Texas students only)	4 hours

Pre-Business Administration

English	6 hours
Mathematics	6 hours
A Natural Science.....	8 hours
Public Speaking	3 hours
Electives	9 hours
Typewriting, non-credit	0 hours

Commercial Course

Business English	6 hours
Shorthand	6 hours
Typewriting	6 hours
Bookkeeping	6 hours
Office Practice	6 hours

Statement of Courses

BUSINESS ADMINISTRATION

214. Elementary Accounting

The principles of accounting for a single proprietorship organization. A study of the accounting equation, business transactions, business papers, ledgers, books of original entry, classification and interpretation of accounts and statements, valuation accounts, accrued and deferred items, and the accounting cycle. Three lectures and three laboratory hours per week.

Prerequisite: Sophomore standing. Credit: Four semester hours.

224. Elementary Accounting

Accounting for partnership and corporate business enterprises. A study of the characteristics of each organization, formation, dissolution, and liquidation. Three lectures and three laboratory hours per week.

Prerequisite: B. A. 214. Credit: Four semester hours.

113. Bookkeeping

A beginner's course in bookkeeping. For freshmen. A study of business vouchers, the meaning and purpose of bookkeeping, the preparation of financial statements, controlling accounts, valuation accounts, ledgers, and the books of original entry. A practice set based on the single proprietorship. Six hours per week.

Credit: Three semester hours (not transferable to senior college.)

123. Bookkeeping

A study of the nature and characteristics of partnership and corporate forms of business enterprise. The study of the formation, operation, dissolution, and liquidation of each type of organization. Two practice sets are required. Six hours per week.

Credit: Three semester hours (not transferable to senior college.)

113. Business English

A study of grammar, punctuation, sentence structure, and paragraphing. Credit: Three semester hours. (Not transferable.)

123. Business English

A study of business letters. Credit: Three semester hours (not transferable.)

113. Shorthand

Detailed study of principles of Gregg Shorthand by Functional Method. Special attention given to word signs, special forms, phrase writing, and rapid reading of shorthand. Four lectures and three laboratory hours per week.

Credit: Three semester hours.

123. Shorthand

Continued study and review of the principles of shorthand. Dictation and transcription of new matter with emphasis upon readiness and accuracy in transcription.

Three lectures and four laboratory hours per week.

Credit: Three semester hours.

Typewriting should be taken concurrently by students enrolled in Shorthand 113 and 123.

Students must attain a speed of at least 60 words per minute with not more than five errors in order to receive credit in Shorthand 123.

110. Beginning Typewriting

A beginner's course in typewriting. Exercises for the mastery of the keyboard by the touch system, instruction in the care of the machine, study of form and arrangement of simple business letters, and simple centering. Required of B. B. A. students. Non-credit.

120. Beginning Typewriting

Typewriting problems in addressing envelopes, writing business letters, tabulation, manuscript writing, and legal document writing. Six hours per week. Required of B. B. A. students. Non-credit.

113. Advanced Typewriting

Advanced typewriting for students with a typewriting speed of thirty-five words per minute. Required of all commercial students.

Prerequisite to shorthand.

Credit on proficiency basis, three semester hours, not transferable.

123. Advanced Typewriting

Advanced typewriting problems in typing business letters, legal documents, tabulation materials, manuscripts, stencils, and office budgets. Six hours per week.

Credit: Three semester hours (not transferable) for required proficiency.

113-123. Secretarial Office Practice

Practical training for duties in an office. Exercises in filing, duplicating, advanced typewriting, advanced dictation and transcription, proper telephone technique, adding and calculating machines, and the qualifications of a secretary. Five laboratory hours per week.

Prerequisite: A parallel course in typewriting and shorthand.

Credit: Three semester hours each semester (not transferable).

Transfer of Credit

Accounting 214-224 is transferable to the University of Texas and other senior colleges. Typewriting is not transferable to the University of Texas.

Six semester hours in shorthand are transferable to the University of Texas and some other senior colleges.

Commercial Certificates

Students who complete the commerce course and reach the required proficiency are granted a "Certificate of Proficiency." The commercial course will be more effective for all students who can attend the college two years.

ECONOMICS

213. Principles of Economics

An examination of fundamental economic concepts and principles.

Prerequisite: Sophomore standing.

Credit: Three semester hours.

223. Economic Problems

A study of contemporary economic issues and problems.

Prerequisite: Economics 213.

Credit: Three semester hours.

EDUCATION

113. Introduction to Educational Psychology

An introductory study of mental life and the psychological principles underlying motivation, behavior, individual differences, and the learning processes.

Credit: Three semester hours.

123-E. Public Education in the United States

A brief survey of the general field of education brought out through a study of the evolution of the present day public school and its practices.

213. Secondary Education

A brief study of the history of secondary education in the United States with special emphasis on such topics as development of the junior high school and its purposes, the senior high school, the development of the curriculum and present tendencies, class organization, and the adolescent pupil.

Credit: Three semester hours.

223. Methods In Secondary Education

A study of recent developments in teaching methods and practices in the secondary field, discussing effective techniques and varieties of procedures for meeting the needs of the adolescent pupils.

Credit: Three semester hours.

ENGINEERING

Aeronautic Engineering 112. Government Ground Course (72 class hours)

Treats the topics as listed below allowing time as specified for each: History of aviation, 2 class hours; Civil Air Regulations, 12 class hours; Navigation, 15 class hours; Meteorology, 15 class hours; Parachutes, class hour; Aircraft and Theory of Flight, 15 class hours; Engines, 5 class hours; Instruments, 5 class hours; and Radio Uses and Forms, 2 class hours.

Credit: Two semester hours.

Aeronautic Engineering 122. Controlled Private Flying Course

(34 class hours)

Stage A (Dual Instruction)—minimum 8 hours

Familiarization and explanation of airplane, controls, instruments, throttle, brakes, fuel system, use of safety belts, location of fire extinguisher, and first aid kit, propeller danger, running engine with empty cockpit, local traffic rules, instruction signals, starting procedure, swinging propeller, warming up engine, stopping engine, line inspection of aircraft, use of parachutes, taxiing to proficiency, air work, take-offs, landings, spins, and simulated forced landings.

Stage B (Primary Solo—minimum 3 hours solo)

Solo Flight, Solo Practice

Stage C (Advanced Solo—minimum 15 hours—8 hrs. dual)

Precision landings (180 side approach—altitude not to exceed 1000 ft., 30° eights around pylons (altitude 500 ft.—maximum starting bank 30°; advanced stalls; spins with N. A.C.A. recovery (never to exceed 3 turns); precision landings (360° overhead approach—altitude not to exceed 1500 ft.); 70° power turns (720° precision); precision landings, (spiral approach—minimum 2 turns—altitude not to exceed 2000 ft.); 70° eight around pylons (altitude 800 ft.—minimum starting bank 70°); cross wind take-offs and landings; slips (forward and side); power approaches and power landings; “dragging” fields (instruction only); cross country; solo—cross country 50 miles minimum and two full stop landings at different airports—triangular course.

Credit: Two semester hours.

112 and 122. Engineering Problems

Operation of the slide rule and its use in the solution of problems involving the principles of mechanics and cranes and trusses.

One hour of theory and two hours of practice per week.

Credit: Two semester hours each semester.

113. Mechanical Drawing

Care and use of drawing instruments, exercises in the use of the drawing instruments, free-hand lettering, geometric construction of plane curves, orthographic and axonometric projections, conventions, section linings, threads, bolts, rivets, helixes, dimensioning drawings, principles of

working drawings, technical sketching, shading, patent office drawings, graphs, structural drawing, topographical drawing and reproduction of drawings.

Eight hours per week of supervised drafting plus two hours of lecture.

Credit: Three semester hours.

123. Descriptive Geometry

Orthographic projections of points, lines, planes, solids, and warped surfaces in the four angles of projection; shades, shadows, and angular perspective.

Three hours theory plus six hours laboratory practice.

Prerequisite: Mechanical Drawing.

Credit: Three semester hours.

ENGLISH

113. Composition and Rhetoric

The development of the student's ability to think for himself and to express his thoughts in habitually correct, clear language. A study of literature in order to encourage reading as a use for leisure.

Credit: Three semester hours.

123. Composition and Rhetoric

Further training in thinking and the ordering of thoughts by the study of the types of composition.

Prerequisite: English 113.

Credit: Three semester hours.

213. English Literature

A survey course giving continuity to the development of English literature from Beowulf to Milton. Independent endeavor developed by term themes.

Prerequisite: English 123.

Credit: Three semester hours.

223. English Literature

Completion of the survey of English literature. Milton to modern times.

Prerequisite: English 213.

Credit: Three semester hours.

FOREIGN LANGUAGE

French A

A careful drill in the pronunciation and the grammar of the French language, with written exercises, dictation, and conversation in French. Classic short stories to introduce the student to French literature. For students who have never studied French.

Credit: Three semester hours each semester.

French 113 and 123

A review of the structure and use of the language. Practice in composition and conversation. Extensive class reading with emphasis on the novel and the drama. Outside readings for development of speed and skill in comprehension.

Prerequisite: French A, or two years of high school French.

Credit: Three semester hours each semester.

French 213-223

General survey of French literature. A brief study of political history serves as background. Classics of each period read in class. Outside readings assigned.

Prerequisite: French 123.

Credit: Three semester hours each semester.

Spanish A

Training in the pronunciation and grammar of Spanish language, with written exercises, dictation and conversation in Spanish. Special emphasis on South and Central American material. Modern vocabulary. For students who have never studied Spanish.

Spanish 113-123

A review of the structure and use of the language. Conversation and readings in Spanish history and literature, with reference to Pan-American countries.

Prerequisite: Two years of high school Spanish.

Credit: Three semester hours each semester.

Spanish 213-223

A survey of the literature of Spain. As a basis for the comprehension of the literature, a survey of Spanish history, both political and literary, from earliest origin to present decade. Lectures in Spanish. Outside reading will be assigned.

Prerequisite: Spanish 113 and 123.

Credit: Three semester hours each semester.

GOVERNMENT

213. American Government

The government of the United States, with reference to its evolution, Constitution, present day trends, and problems, An estimate of the position of the state in the American Federal Union; a critical analysis of Texas government and Constitution in the light of present day conditions.

Prerequisite: Sophomore standing.

Credit: Three semester hours.

This course may be used as an independent unit to absolve the State requirement of a course in Texas and United States government and constitutions for a college diploma or a teacher's certificate.

223. American Government

A critical analysis of present day American government, with particular emphasis on United States Supreme Court decisions, American Constitutional law, public administration.

Prerequisite: Government 213.

Credit: Three semester hours.

HOME ECONOMICS

113-A. Food Composition and Principles of Cooking

Fundamental principles in the selection and preparation of foods. Emphasis is given to problems in consumer buying.

This course should parallel Chemistry 114 and 124.

Lecture, two hours a week; laboratory, four hours a week.

Credit: Three semester hours.

123-A. Meal Preparation and Service

Planning, preparation, and service of meals. Special problems in food preparation. Emphasis given to the planning and preparation of daily meals to meet the lower income levels.

This course should parallel Chemistry 114 and 124.

Lecture and recitation, two hours a week; laboratory four hours a week.

Credit: Three semester hours.

113-B. Elementary Clothing

The study of textile fabrics from the standpoint of the consumer, the use and alteration of commercial patterns, the construction of children's, infants, and misses' garments.

Credit: Three semester hours.

123-B. Elementary Dressmaking

The study of clothing from the standpoint of selecting and making dresses for different occasions.

Prerequisite: Home Economics 113-B.

Credit: Three semester hours.

ART

114-124. Creative Design

Theory and practice of pure design. A basic course in the fundamentals of color and form. Designed to meet the requirements of students majoring in elementary education, home economics, and drama students majoring in technical production.

Two lectures and four laboratory hours a week.

Prerequisite: Permission of the instructor.

Fee: \$1.00 per semester.

Credit: Four semester hours each semester

HISTORY

113. History of England

Survey of the social, economic, political and intellectual development of Britain from the prehistoric period through the fifteenth century.

Credit: Three semester hours.

123. History of England

Continuation of History 113. Survey of the social, economic, political and intellectual development of Britain and the British Empire to the present.

Credit: Three semester hours.

113-A. Western Civilization in Medieval Times

A survey course in the cultural and institutional development of the nations of western Europe through the sixteenth century.

Credit: Three semester hours.

123-A. Western Civilization in Modern Times

Continuation of History 113-A. A survey course in the cultural and institutional development of the nations of western Europe to the present time.

Credit: Three semester hours.

213. History of the United States

A general survey of the history of the United States from the era of discovery to the Civil War.

Prerequisite: Six semester hours in history, or sophomore standing.

Credit: Three semester hours.

223. History of the United States

A general survey of the history of the United States from the Civil War to the present time.

Prerequisite: Six semester hours in history, or sophomore standing.

Credit: Three semester hours.

MATHEMATICS

Most colleges require one year of mathematics for a degree. To satisfy this requirement any of the following combinations may be taken: 113-A and 113-B; 113-A and 113-C; 113-B and 113-C.

For students who wish to major in mathematics or for some reason wish to take two units at the same time, any of the following combinations may be taken: 113-A and 113-B; 113-A and 113-C; 113-B and 113-C.

Engineering students should plan to take college algebra, trigonometry, and analytical geometry, during their freshman year so that they can take calculus during their sophomore year. Most engineering departments of senior colleges require trigonometry to be repeated in college even though it has been taken in high school.

113-B. Plane Trigonometry

The development and use of trigonometric functions; logarithms; solution of triangles; application to practical problems.

Credit: Three semester hours.

113-C. College Algebra

Review, theory of exponents; variables and functions; binomial theorem; progressions; complex numbers; theory of equations; determinants. Credit: Three semester hours.

124. Analytic Geometry

Cartesian coordinates; the straight line and conic sections; transformation of coordinates; polar coordinates; parametric equations.

Prerequisite: Mathematics 113-C; and 113-B. Credit: Four semester hours.

214. Calculus

The fundamental theory of the differential Calculus and its applications to the natural sciences; differentiation; maxima and minima; rates; differentials; curvature; mean value theorem. Prerequisite: Mathematics 124. Credit: Four semester hours.

224. Calculus

The fundamental theory of the integral Calculus and its application to the natural sciences; formal integration; definite integrals; areas, lengths, pressures, volumes. Prerequisite: Calculus 214. Credit: Four semester hours.

MUSIC

114-124. Theory of Music

Practice and studies in teaching the student to think in tones, and to be able to name, sing and write what he hears. Provides fundamental knowledge of music. Three class and three laboratory hours a week. Credit: Four semester hours each semester.

110-120. College Chorus

A class devoting its entire time to singing. Required laboratory for music theory students. Open as a non-credit course, to all other college students.

PSYCHOLOGY

213. Introductory Psychology

A survey of the principles of general psychology developed by lectures, recitations and demonstrations in class. Prerequisite: Sophomore standing. Credit: Three semester hours.

223. Business Psychology

Psychological principles concerned with advertising, salesmanship, employment and personal problems. Prerequisite: Psychology 213. Credit: Three semester hours.

PHYSICAL TRAINING

110-120. Physical Training for Women

Includes athletics which will contribute to the well-being and happiness of the individual; tennis, hiking, badminton, skating, ping pong, and dancing are included. Three hours each week. Non-credit, but required of all women candidates for a degree.

PUBLIC SPEAKING

113. Speech

A course in the fundamental, basic principles of speech to develop self-confidence and poise in the student. Directness and conversational spirit insisted upon. Especial attention given to delivery, freeing the body, and developing good vocal qualities. Speeches on leading questions of the day, radio projects, poetry reading and choric verse speaking conducted.

123. Speech

Basic principles of Speech continued. Emphasis given to composition, gathering, selecting, arranging, and presenting material for a given purpose. Projects conducted in oratory, extemporaneous speech, and radio speaking for the purpose of developing students' own resourcefulness, independence, and personal power.

213. Speech

A study of principles and theories of debate technique. Group, forum and panel discussions are held on foremost controversial issues. Especial attention is given to the current national college debate question. Various intramural and intercollegiate debates.

Credit: Three semester hours.

223. Speech

A course in dramatics, particularly in acting, directing, and production. Some emphasis on history of drama, outstanding plays, playwrights and actors of our time, make-up, costume design, stage lighting, and scenery construction, but major emphasis on acting technique. Opportunity to take part in, direct, and produce plays.

Credit: Three semester hours.

BIOLOGY

114. General Biology

The nature of protoplasm; the cell; tissues; adaptation in animals; the synthetic processes in plants; the cycle of the elements in nature; a survey of the animal kingdom, with emphasis on phylogenetic relationships and on forms parasitic in man; the basic principles of infection and immunity. Open to all students.

Three lectures and three laboratory hours a week.

Credit: Four semester hours.

124. General Biology

A continuation of Biology 114; organ systems and their functions; mitosis; gametogenesis and the principle of germinal continuity; a brief introduction to embryology; heredity and variation.

Three lectures and three laboratory hours a week.

Credit: Four semester hours.

CHEMISTRY

114. General Chemistry

An introduction to the chemistry of the more common elements and compounds and to fundamental chemical principles. Open to all students. Chemistry 114 and Chemistry 124 constitute a unit, and credit is not given for either alone.

Three lectures and three laboratory hours a week.

Credit: Four semester hours.

124. General Chemistry

A continuation of Chemistry 114; in the laboratory, an introduction to qualitative analysis.

Prerequisite: Chemistry 114.

Credit: Four semester hours.

PHYSICS

114. General Physics

Sound, light, electricity and magnetism.

Three lectures, two laboratory hours, and additional required outside work of at least one hour a week.

Credit: Four semester hours.

124. General Physics

Mechanics and heat.

Three lectures, two laboratory hours, and additional required outside work of at least one hour a week.

Credit: Four semester hours.

124-A. Engineering Physics

Mechanics and heat. Designed especially for engineering students.

Three lectures, two laboratory hours, and additional required outside work of at least one hour a week.

Prerequisite. Admission credit in high school physics or the equivalent; Mathematics 113-C and 113-B.

Credit: Four semester hours.

Graduating Classes

CLASS OF 1927

Brogan, Charles
Butler, Joe Ella
Hargrove, Mattie Brown
Kennedy, Mamye
Laughlin, Elizabeth

Palmore, Lena
Roberts, Ina
Smith, Lee
Solomon, Lena

CLASS OF 1928

Barton, Glaucius
Berman, Annette
Bryarly, Bonnie Lee
Culwell, Velma
Dumas, Oden
Eisen, Bonnie
Gaston, Earl
Hambrick, Mary
Horton, Aline

Howell, Laura
McClendon, Sarah
Mims, Virginia
Parker, Margaret
Scroggins, Mattie Alice
Storey, Norrine
Torrans, Corinne
Ward, William

CLASS OF 1929

Allen, Imogene
Balfour, Maurine
Beaird, Mrs. Mary
Beam, Grace Helen
Blackwell, Ardell
Boyette, Hansel
Brown, Marvin
Burton, Lura Mae
Byrum, Bertha
Cooke, Naomi
Donaldson, Jewel
Francis, Curtis
Griffin, Annelle

Heffler, Otto
Herrin, Mable
Lawrence, Ruby
Loggans, Elsie
Marsh, Pauline
Mayfield, Isabel
Ray, Lottie
Ray, Marguerite
Rice, Lila Mae
Scurlock, Bill
Thedford, Helen
Williams, Bonnie Mae
Woodward, Clara

CLASS OF 1930

Bindler, Harry
Byrnum, Annie Mae
Fortner, Lottie
Harris, Agnes
Johnson, Rachael
Jones, Mrs. C. N.
Kay, Carroll
Poston, Frances

McCoy, Robert
Price, Annie
Taylor, Brannon
Ussery, Janie
Williford, Doris
Yates, Jessie Faye
Zorn, John Leigh

CLASS OF 1931

Beal, Harry
Crawford, John
Estes, Robert
Harton, Cecyl
Lucas, Richard
Moseley, Nancy Jane
Neely, Hazel
Odom, Kathryn

Pierce, Acquilla
Robinson, Hazel
Sheeley, James
Simmons, Fay
Smith, Mattie
Strange, Frances
Taylor, Jesse
Yarbrough, Cecil

CLASS OF 1932

Abbott, Mary Elizabeth
Albertson, Dorothy Earl
Baker, Dorice Beatrice
Barton, John Finis
Bedell, William David
Buster, Virginia Lula
Butterfield, James T.
Chandler, Lura Lee
Childers, Lucille
Clark, Gleith
Christian, Sarah
Cobb, Ruth Elizabeth
Crook, Jack
Cuthrell, Elizabeth
Davis, Olney T., Jr.
Dean, Reta La Nelle
Duffy, Maxine
Duffy, Nell

Gray, Hazel
Gray, Martha
Hankerson, Orace
Hodges, John Elton
Howard, Claude T.
Land, Robert H.
Leach, Edward
McCameron, Lloyd
Menefee, Helen Florence
Menefee, James D.
Olive, Alma
Pippin, Mary Lucille
Potter, Edward M.
Vaughn, Jim M.
Wells, Alpha Verne
White, Dorothy Mae
Wilson, Marvin N.
Wilson, Ruth

CLASS OF 1933

Bailey, Sarah
Beal, Frances
Exum, Arthur
Feagin, Genevieve
Flock, Jack
Fortner, Maurine
Green, Margaret
Hicks, Marjory
Jones, Bonna Bess
Martin, Pat
Neely, Sunshine

Norman, Mary Beth
Parker, Elizabeth
Poston, Hazel
Seay, Clara
Talkington, W. I.
Thompson, Verna
Thornton, Anna Ruth
Thornton, Atrelle
Turner Robert
Watson, Randolph

CLASS OF 1934

Barton, Catherine
Brown, Mrs. Hazel
Bryan, Monroe
Callaway, Josephine
Chilcote, Ted
Clark, Edith
Collins, Christine
Currie, Louise
Davis, Hanford G.
Edwards, Evelyn
Ferguson, Alliene
Ferrell, Nance
Finley, Eloise
Fischer, Mrs. Aline
Gilley, Helen
Gilley, Ray
Godfrey, Owena
Grider, Mary Helen
Grieneeks, Edward
Hammond, Elenwyn
Heffler, Pauline

Henslee, Virginia
Howard, Clyde
Howard, Robert Price
Kaemmerlin, Leo.
Kearby, Janetha Dale
Kilpatrick, Doris
Lee, Marie Frances
Loftis, George Austin
McFarland, Carl A.
Odom, Martha
Roosth, Harold
Rushing, Katherine
Taylor, Hazel
Tilley, Hazel
Tucker, Jeff
Welch, Herschel
Whitham, Nell
Wilkinson, Josephine
Willis, Avalon
Wood, Margaret

CLASS OF 1935

Bailey, Kathryn
Baker, Mary Ethel
Blake, Mary Alice
Brooks, Melba
Crews, Evelyn
DeBord, Marjorie
Faulkner, Betty Anne
Fraley, T. J.
Freeman, Helen
Gassaway, James
Harrison, Clarence
Hill, Louisa
Lloyd, James

Luttes, Edwina
McDonald, Louise
McNutt, Theodosia
Matthews, Wayne
Morris, Louise
Owen, Jack
Roberts, Lola Lee
Simmons, Nell
Smith, Mary C.
Toler, J. O.
Womack, Lucille
Yarbrough, A. L.

CLASS OF 1936

Blake, Robert
Brown, Ann
Browning, Bessie
Buckner, Alma
Cook, Louise
Carr, Brooksie
Fridkin, Fanny
Garrison, Arthur
Gullick, Bernice
Hankerson, James
Henry, Adaline
Hocutt, Allyne
Hodges, Wynelle
Ingram, Frances

Kendrick, Ella
Klein, Dorothy
McCain, Arlene
McMillan, Kathryn
Odom, Dorma
Odom, Christine
Peadro, Helen
Perdue, Marjorie
Rasco, Edwin
Rice, Gilbert
Rockwell, Richard
Shuford, Martha
Smith, Margaret Anne
Turman, Frances

CLASS OF 1937

Allen, Edith
Boulter, Robert
Brookshire, Dorothy
Byrd, Laudis
Campbell, Elizabeth
Eason, Mona Dell
Gilbert, Loy
Guild, Walter
Harris, Martha
Johnson, Ben
Judge, Jane
Lee, Catherine
McPhail, Doris
Mann, Geneva
Musselwhite, Paul
Myers, Ruth

Nerren, Myrlene
Niblack, Wm.
Nicholson, J. C.
Pledger, Fannie B.
Sadler, Marjory
Sleeper, Richard
Smith, Ray Helen
Tucker, Eloise
Thompson, DeEdra
Thompson, Mary
Upchurch, Haden
Walker, Mae Lynn
White, Ben
Willis, Melba
Woodson, Robert

CLASS OF 1938

Armstrong, Frances
Bailey, William Marvin
Blackwell, Patsy
Bost, Daniel

Meador, T. R.
Nerren, Frances
Newton, LaRue
Pate, James Harris

Castle, Mary Louise
Epperson, Edna Earle
Hals, Mary Jane
Ham, Herbert Riley
Hankerson, Patricia
Harvey, William Frank
Henslee, Marguerite
Hill, Sam R., Jr.
Liggett, Carol
Mardock, Julian
McKelvy, Mary Helen

Perdue, Tanner W.
Pinkerton, Pickens
Scott, Stanley J.
Smith, A. J.
Thedford, Jane
Thedford, Marshall
Thompson, Carrie
Tilton, Burns T.
Todd, Dorothy Kate
Tunnell, Park

CLASS OF 1939

Arvin, Edmond, Jr.
Barnes, Lois L.
Beaird, Harrison L.
Campbell, Louise Martha
Chitwood, Ross John, Jr.
Daniels, Morris Judson
Fair, Wilton Harold
Ferrell, James Warren
Ferrell, Marjorie Carolyn
Glenn, John Wesley, Jr.
Hoskins, Iris La Verne
Huey, Sam Lee, Jr.
Jackson, Joseph Earl
Kilpatrick, Byron Keith
King, Roy Dean
Landrum, Zepha Lorene

Lukenbill, Burl Leon
Nicks, Frances Ann
Parris, Irma Marian
Pollard, Cleo Edith
Rudy, George Fullen
Sadler, Corinne
Sanchez, Conradita
Sanders, Geraldine
Shelton, John Beth
Sinclair, Ruth Hazel
Smith, Nell
Turk, William Harbey
Unis, Mitchell Gregory
Watts, Paul E.
Wills, Floreid

CLASS OF 1940

Atwood, Evelyn Clay
Bearden, Dorothy
Cannaday, Leonard Grover
Dean, William Joe
Dickinson, Hazel
Eby, Florence LeVerne
Evans, Marion Dale
Everett, Darwin
Gertz, Melvin
Ginn, Clara Belle
Hankerson, Lyle Rose
Harrell, Mary Jane
Kelly, Verna May
Layton, Lamerne
Maynard, Susie Edna

Moyer, Wanda
Murphy, Barbara Jane
Murray, Theo Virginia
Richbourg, Ann Marie
Robertson, Frances Mildred
Saleh, Phillip
Sanders, William
Scott, Barbara
Stinnett, Anne Elizabeth
Stripling, Charles Leon
Sutherland, Barbara
Turner, Austin Pierce, Jr.
Tye, Lora Dee
Walton, Max
Wester, Opal Maree

CLASS OF 1941

Bass, Mary Jo
Billingsley, Evanda
Boucher, Wm. Preston
Breedlove, Rosalie
Campbell, John Roosevelt
Crews, Lena Louise
Epperson, Norma Talmadge
Evans, Erko Joy
Faulk, Edith Marie

Ferrell, Oran L.
Florey, Adelle
Fry, Victor
Fuller, Claudia McCorkle
Gray, Gibson
Hall, Dixie Gaye
Harrell, Joyce
Hawes, Martha Joe
Henslee, Martha Lynne

Herring, Jimmie Ruth
 Hicks, Adrah Janice
 Hill, Bettye June
 Huffman, David King
 Hutton, James R.
 Ingram, James Thomas
 King, Ruby Corrine
 Lawler, Harold Lloyd
 Lawrence, Wm.
 Lindsay, Dorothy Jane
 Main, Talmadge
 Mayne, R. L.
 Moneysmith, Marcia
 Moore, Rufus
 McKay, Betty Joe
 Pabst, Elvira Adriance

Rasco, Kenneth Hugh
 Ray, Robert Sidney
 Reily, Wm. Ray
 Reynolds, Joe Hunter
 Stamps, Virginia
 Stegall, Doyle
 Thigpen, Jeanette Elizabeth
 Thompson, Charlotte Ruth
 Turner, James R.
 Watkins, Ruth Myers
 Wasserman, Edward
 Williams, David Arthur
 Williams, Mary Lucile
 Wimberly, Eloise
 Yarbrough, Mary Louise

Due to the fact that the catalogue is printed before the close of the school year, the roll for the graduating class of 1942 will not be included in the catalogue until next year.

FORMS OF BEQUEST

I GIVE AND BEQUEATH to Tyler Junior College

the sum of_____dollars

to be appropriated by the Trustees for the benefit of the College in such manner as they think will be most useful.

I GIVE AND BEQUEATH to Tyler Junior College

the sum of_____dollars

to be safely invested by it and called the_____Endowment Fund. The interest shall be applied to the_____

_____as the Trustees shall deem expedient.

I GIVE AND BEQUEATH to Tyler Junior College

the sum of_____dollars

to be safely invested by it, and called the_____Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Tyler Junior College.



